SEQUENCE LISTING

<110> Children's Medical Center Ren, Dejian Clapham, David <120> Sperm-Specific Calcium Channel Gene, Expressing Calcium Channel Protein, and In-Vitro as a System for Detecting Male Infertility <130> 110313.130 PCT <150> US 60/288,402 <151> 2001-05-03 <160> 6 <170> FastSEO for Windows Version 4.0 <210> 1 <211> 2343 <212> DNA <213> Homo sapiens <400> 1 atggatcaaa actcagtgcc tgaaaaggct cagaatgagg cagacaccaa taacgcagat 60 aggttettte geteteacte ateaccecca caccacagge caggecacag cagagetete 120 caccattacq aqttqcacca tcacqqcqtq ccccaccaac qtggtgaatc tcaccaccct 180 ccggagttcc aagacttcca cgaccaagcc ttgtcctccc atgtccacca atctcaccac 240 cacagegagg caeggaatea eggeagagee catggeecca eaggetttgg tetggeteec 300 totcaaggog cogtoccotc coaccgttcc tacggtgagg actaccatga tgagctccaa 360 cgtgatggca ggaggcatca tgatgggtcc caatacggtg ggttccatca gcagagtgac 420 tcccattacc atagggggtc tcaccatggc agaccccaat atctcggtga gaatttatcc 480 cactattect etggegtgec ceaecacggt gaggettece accatggtgg gteetacete 540 ccccatqqac ccaatccta caqtqaqtcc ttccaccaca qcqaqqcttc ccaccttaqc 600 gggctccaac acgatgagtc ccagcatcac caagtccccc accgtggctg gccccaccat 660 caccaagtcc accaccatgg caggtcccgt catcatgaag cccaccagca tggaaagtct 720 ceteateacq qaqagaccat tteeceteat teetetgtgg ggteetacca gegtgggata 780 totqactato acaqoqaqta coaccaaqqt gatoaccaco coagtgagta coaccatggo 840 gaccatecee accaeaca geaceactae caccagaece aceggeaceg agactaecat 900 cagcaccaag accaccacgg cgcgtatcat tccagttacc tccatggcga ctacgtccag 960 agcacttccc aactctctat cccacacaca tcccggagcc tgattcacga tgcccccggc 1020 cctgctgctt ctcgtacagg agtcttcccc tatcacgtag cacacccacg gggctcggct 1080 cacaqcatqa ctcqqtcctc cagcacaatc cgctcacgtg tcacccagat gtccaaaaaa 1140 qtccataccc aqqatatctc caccaaacat tcagaagact ggggcaaaga agaagggcaa 1200 tttcagaaac gcaaaaccgg caggctccag cggacccgca agaagggaca ctctaccaat 1260 ctcttccagt ggctgtggga aaagctaacc ttcctcattc agggcttccg ggaaatgatc 1320 eggaacetga eccaateett ggeetttgaa acttteatet tettegttgt etgeeteaae 1380 acceptcatec tegetegecca gacetteget gaagtegaga teeggggega gtggtaette 1440 atggccttgq actccatatt cttctgcatc tacgtggtgg aagccctgct caagatcatc 1500 gccctgggcc tctcgtactt ctttgacttc tggaacaatt tggacttctt cattatggcc 1560 atggccqtqc tqqacttctt qctqatqcaq acccactcct tcgccatcta ccaccaaagc 1620 ctcttccgga tcctcaaggt cttcaagagc ctgcgggccc tgagggcaat ccgggtcctg 1680 cggaggetea getteetgae eagegteeag gaagtgaeag ggaeeetggg eeagteettg 1740 ccqtccatcq caqccatcct catcctcatq tttacctqcc tcttcctctt ctccqcqqtc 1800

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